

**Abstract**

[0055] A pharmaceutical composition for the prophylaxis and treatment of osteoporosis is provided. The composition is extracted from a mixture including Semen cuscutae, or Fructus cnidii and Semen cuscutae, and then purified to obtain a large amount of active ingredients, such as coumarins and flavanoids. The pharmaceutical composition made from Semen cuscutae only is also effective. The aforesaid pharmaceutical composition can also be used with calcium and/or vitamin D<sub>3</sub>.